

## **Addressable Tap with Illegal Channel Detection Functions**

### **Abstract**

An addressable tap with illegal channel detection and cutting-off function consisting of a housing and a power supply module, a filter, a control module and RF switches inside said housing, which are electrically connected to said control module, is featured by: It also includes a tuning device, which can isolate random checking signals input at the front end of CATV channels. Said tuning device is electrically connected to said control module. Compared with the existing technology, the current invention has the following effects: high reliability and promptness in cutting off illegal signals; easy replacement of circuit board of the existing traditional non-addressable taps installed for enhancement to realize channel detection and cutting-off function. As this invention addressable tap can substitute the non-addressable taps in CATV network directly without separate wire laying, it is very easy in installation with very low enhancement costs.